

Begin

#196

Javorska, A.
To

MESTITZOVA, Margita, MUDr, (Bratislava, Jancova 11); JAVORSKA, Anna

Contribution to the knowledge of the retention and elimination of fluorides. Prac. lek. 17 no.2:57-61 Mr'65.

1. Vyskumny ustav hygieny prace a chorob z povolania v Bratislave (riaditel: prof. dr. Nosal).

STANKIEWICZ-MUSIEROWICZ, Zofia; JAWORSKA, Anna; LIMBURKSA, Krystyna

A case of dermoid cyst of the tongue diagnosed by means of
fistulography. Czas. stomat. 18 no.3:245-249 Mr'65.

1. Z Kliniki Chirurgii Stomatologicznej Slaskiej Akademii
Medycznej w Zabrze, (Kierownik: prof. dr. M. Jankowski).

JAWORSKA, Anna

Complication following plastic surgery of the palate by a
rolled flap. Czas. stomat. 18 no.8/9:1005-1008 Ag-S '65.

1. Z Kliniki Chirurgii Stomatologicznej Slaskiej AM w Zabrze
(Kierownik: prof. dr. M. Jankowski).

WENDER, Mieczyslaw; JAWORSKA, Anna

Clinical, anatomical and pathological contribution to late
infantile forms of amaurotic idiocy. Neur.&c.polska 10 no.6:
759-767 '60.

1. Z Kliniki Neurologicznej A.M. w Poznaniu, Kierownik: prof.
dr A. Dowzenko i z Panstwowego Sanatorium dla Nerwowo chorych
w Koscianie, Dyrektor: dr K.Kuczevska.
(AMAUROTIC FAMILIAL IDIOCY case reports)

JAWORSKA, Anna; BIERNAWSKA, Krystyna

On the management of tuberculous maxillary sinusitis. Wiad. lek.
18 no.7:615-618 1 Ap '65

1. Z Kliniki Chirurgiczno-Stomatologicznej Slaskiej Akademii
Medycznej w Zabrze (Kierownik: prof. dr. M. Jankowski).

JAWORSKA, Barbara

Use of nuclear radiation in the transportation and storage of crude
oil and petroleum products. Wiad naft 6 no.5:105-107 My '60.

(Petroleum)

(Radiation)

(EEAI 9:10)

JAWORSKA, Barbara

Basic information on radioactive isotopes and principles of measuring
radioactive isotopes. (To be contd.) Wlad naft 6 no.5:112-114 My '60.
(Radioisotopes) (EEAI 9:10)

JAWORSKA, Barbara

Basic information on radioactive isotopes and principles of measuring
radioactive isotopes. (conclusion). Wiad naft 6 no.6:143 Je.'60.
(Radioisotopes) (EEAI 9:10)

JAWORSKA, Barbara

The use of radioactive isotopes in the exploitation of oil and gas.
Wiad naft 6 no.7/8:151-157 J1-Ag '60. (EEAI 9:11)
(Petroleum)
(Gas, Natural)
(Radioisotopes)

L 11110-65

EWT(1)/ECG

P1-4

AETCA/APCCA

GW

ACCESSION NR: AP4042065

P/0027/4/000/001/0157/0172

AUTHOR: Jaworska, Bogumila; Strauch, Edward; Walczewski, Jacek

TITLE: Techniques for investigating the structure of clouds by means of aircraft

SOURCE: Przegląd geograficzny, no. 2, 1964, 157-172

TOPIC TAGS: cloud structure, cloud seeding, aerological instrumentation, aircraft cloud seeding, cloud seeding explosive

ABSTRACT: The present state of research on cloud structure conducted since 1961 by the Aerological Division of the State Institute of Hydrology and Meteorology (Poland) is discussed at length. Methods used operationally by the Division for aircraft observation of the drop spectrum and liquid water content of clouds are described, as are the measuring instruments designed in the Institute's workshops. In measuring drop spectrum, samples of water drops are taken from the clouds by means of a glass platelet coated with an oil film. The liquid water content of clouds is measured by the trace method, which consists in collecting falling cloud drops on filter paper coated with a dye which dissolves in water but does not react to the water vapor.

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I 111110-65

ACCESSION NO: AP4042065

in the atmosphere. Two models of a device for measuring liquid water were designed: one for use with Li-2 aircraft and single-engine planes of the CSS-13 or Yak-12 type. The article also describes devices used for cloud seeding designed by the Rocket Sounding Division of the Institute. They include a device for ejecting reagents from a balloon, a "condensation grenade" (i.e. an explosive charge suspended from the balloon), a device for ejecting small charges from CSS-13 aircraft, and a RASKO-1 rocket used to introduce a catalytic substance (gunpowder-silver iodide mixture) into fully developed thunderstorms and hail clouds (see Figs. 1-3 of the Enclosure). Orig. art. has: 19 figures, 1 table, and 2 formulas.

ASSOCIATION: Zaklad aerologii PIHM (Aerological Division, PIHM); Pracownia rakietowych sondowan atmosfery PIHM (Atmospheric Rocket Sounding Workshop, PIHM)

SUBMITTED: 10Jan64

SUB CODE: ES

NO REF SOV: 002

ENCL: 03

OTHER: 001

Card 2/5

L 11110-65

ENCLOSURE 01

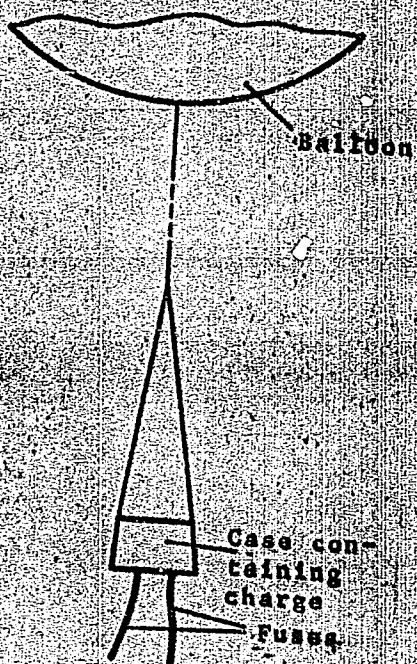


Fig. 1. Explosive charge suspended from balloon

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ENCLOSURE 02

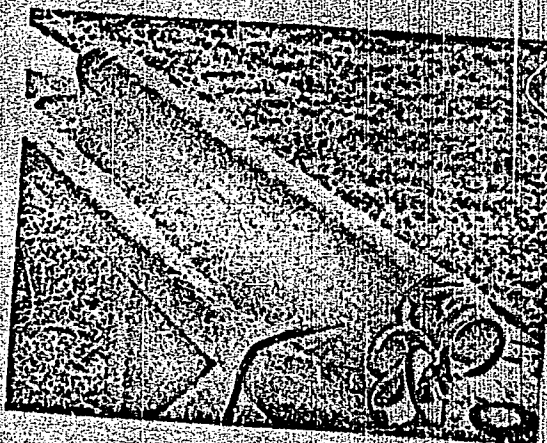


Fig. 2. Device for ejecting
small charges from CSS-13
aircraft

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L 14440-65

ACCESSION NR: AP4042065

ENCLOSURE: 03

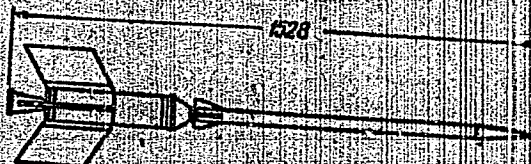


Fig. 3. RASCO-1 rocket in the ejector

Card 5/5

JAWORSKA, D.

✓ Application of chromatography to the detection of heavy metals (iron, tin, and lead) in canned fish: H. Bukowska and D. Jaworska. *Przemysł Rolny i Spisowczy* 7: 215-17 (1963); *Food Sci. Abstr.* 26: 518-19(1964).—Small amts. of heavy metals were detected by means of paper chromatography. It was found that more metal from the can passed into canned fish in oil than into fish in tomato sauce.

K. L. C.

JAWORSKA, Elzbieta

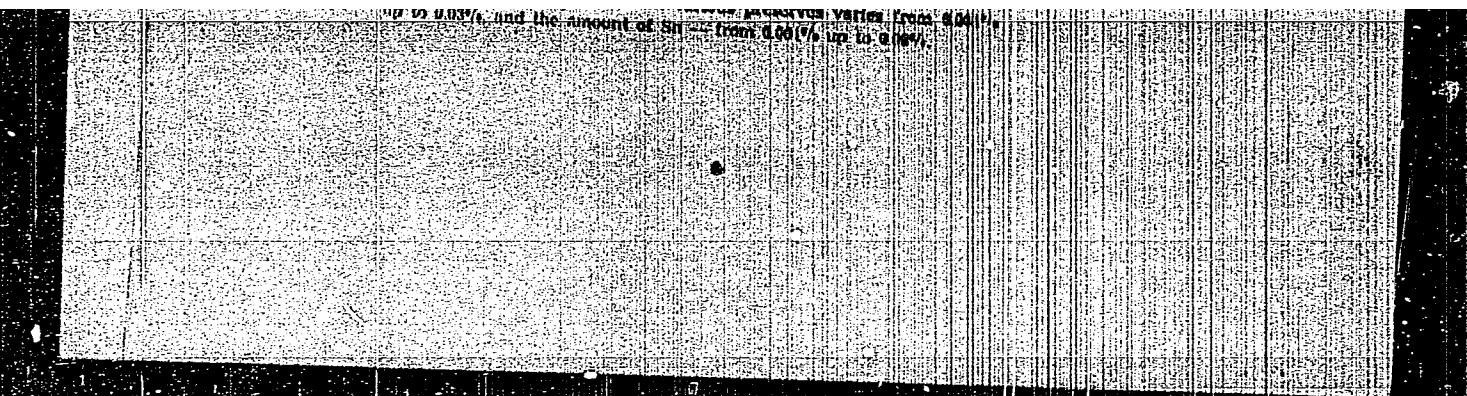
Certain problems concerning the viscosity of concentrated polycarbonate solutions. Polimery tworzyw wielk 8 no.7/8: 302-303 JI-Ag'63.

1. Instytut Tworzyw Sztucznych, Warszawa.

2818 Bukowska H., Jaworska P. Chromatography as a Means of Determining the Content of Heavy Metals (Pb, Sn, Pb) in Fish Preserves. *Zastosowanie chromatografii do oznaczania metali ciężkich (Pb, Sn, Pb) w konserwach rybnych*. *Prace Instytutu Żywności i Żywności*, No. 6, 1963, pp. 215-217, 2 figs.

It is not possible, by means of the usual chemical analysis to determine Pb, Sn and Pb content because of the very small amount of these metals absorbed by the fish preserves from the packing. Good results were obtained with chromatography; it was observed that in the case of preserves...

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000619610001-7



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JAKORSKA, H.

SCIENCE

periodicals: WISZCZESWIAT. No. 3, Mar. 1959

JAKORSKA, H. The appearance and the structure of Arachnoid hairs
of Sempervivum arachnoideum. p. 68.

Monthly List of East European Accessions (EFAI) LC Vol. 8, no. 5
May 1959, Unclass.

JAWORSKA, H.

Problem of existence of the Golgi apparatus in plant cells.
Wiadom botan 7 no.2:145-151 '63.

HAAS, Wiktor; JAWORSKA, Halina.

Case of reticulosis with atypical hematological picture.
Pediat.polska 30 no.10:963-966 Oct. '55.

1. Z I Kliniki Choroób Dziecięcych A M we Wrocławiu. Kierownik
prof dr.med. H. Hirzieldowa. Wrocław, Lokietka 3 m. 6.

(LIPOIDOSIS,

Gaucher's dis. in 8-month-old inf., atypical hetamol.
picture)

JAWORSKA, Halina

Staphylococcal pneumonia in infants. Pediat. polska 31 no.5:
517-528 May 56.

1. Z II Kliniki Pediatricznej A.M. we Wroclawiu, Kierownik:
prof. dr. med. M. Wierzbowska.

(PNEUMONIA, in infant and child,
micrococcal (Pol))

(MICROCOCCAL INFECTIONS, in infant and child,
pneumonia (Pol))

JAWORSKA, Halina; HEIMRATH, Zofia: KOWALSKA, Zofia

Leukemia in infants. *Pediat.polska* 34 no.12:1537-1545 D '59.

1. Z II Kliniki Pediatricznej A.M. we Wroclawiu. Kierownik:
prof.dr med. M. Wierzbowska.

(LEUKEMIA in infancy & childhood)

JAWORSKA, Halina.

Polish "kidney beans with the eagle." Wiadom botan 8
no.2:155-161 '64.

1. Institute of General Botany, N. Copernicus University,
Torun.

GRAJNERT, Kazimierz; JAWORSKA, Hanna; REICHER, Eleonora

Proteins, mucoproteins and glucoproteins in the blood serum of normal subjects and of patients with chronic progressive rheumatism. Reumatologia Polska no.3:309-311 '60.

1. Z Instytutu Reumatologicznego w Warszawie Dyrektor: prof. dr med. E. Reicher

(ARTHRITIS RHEUMATOID blood)

(BLOOD PROTEINS)

(GLYCOPROTEINS blood)

(MUCOPROTEINS blood)

P.T.A. JAWORSKA, I.

Chemistry & Chemical Technology

719

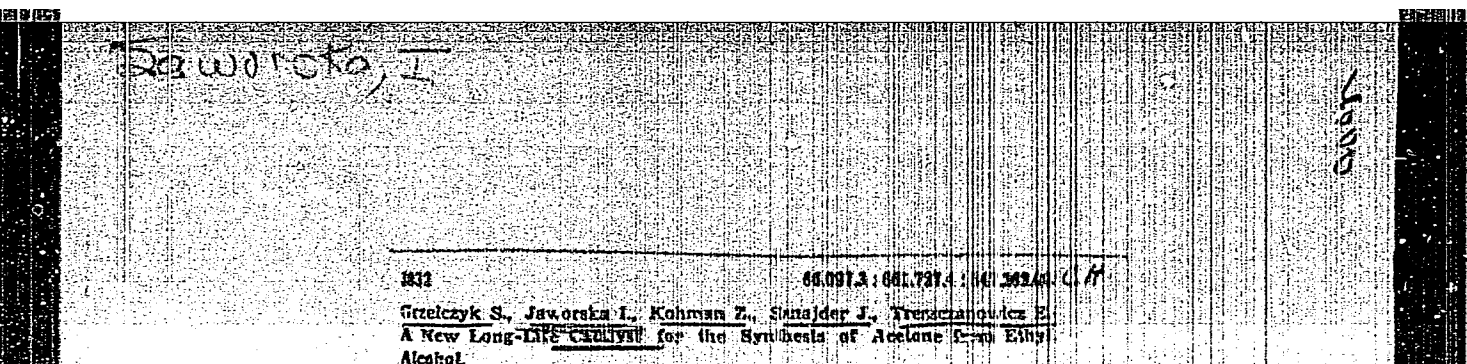
547.233.2 - 212.07

Treszczanowicz E., Jaworska I. Synthesis of Diethylamine from Acetaldehyde, Hydrogen and Ammonia.

"Synteza dwuetylaminy z aldehydu octowego, amoniaku i wodoru", Przemysl Chemiczny, No. 11, 1950, pp. 680-683, 5 figs., 6 tabs.

Comparative tests of preparing diethylamine from acetaldehyde, hydrogen and ammonia under atmospheric pressure are described. The synthesis is carried out by continuous method in the presence of two catalysts: $\text{Ni/Al}_2\text{O}_3$ in pieces and $\text{Ni-Cr}_2\text{O}_3$ adsorbed on phospor. The overall synthetic reaction was examined. The effect of the following factors upon the reaction was investigated: 1) temperature (190.-200°), 2) rate of the substrate flow (time of contact being 0.5-5 sec.), 3) the ammonia excess in substrates, 4) application of silica gel (from technical water glass purified by means of an

"ionite") as the agent to facilitate the catalyst deposition on phospor. A stability test, covering 200 hours, of $\text{Ni/Al}_2\text{O}_3$ catalyst was made.



3423

430973:547233-21207

Treszczanowicz E., Jaworska I., Kaimierowicz W. Synthesis of Ethyl-
alcohol from Acetylene, Hydrogen and Ammonia in the Presence of

Distr: hE2c(j)/hE3d

7 Catalytic oxidation with air of a mixture of 3- and 4-
picoline in presence of ammonia. Barbara Lipka, Edward
Treszczanowicz, Irena Jaworska, and Andrzej Jurczyk
(Inst. Chem. Ogroln., Warsaw). *Przemysl Chem.* 37, 484-9
(1958) (English summary).—Oxidation of the mixt. of pico-
lines (I) with air in the presence of NH_3 over a supported on
 Al_2O_3 vanadium oxide catalyst gave nicotinic and isonic-
tinic acid nitriles. 7 The oxidation was carried out in the gas
phase. The yield of nitriles at 330-360° was approx. 63%
of the I introduced into the reactor; however, calculated
on the I that has reacted 90% was oxidized to nitriles) and
only 6.6% underwent destructive oxidation. F. J. R.

8
2 May
2

P/016/62/000/007/001/001
D204/D307

AUTHORS:

Sznajder, Jerzy, Czerwińska, Barbara, and Jaworska, Irena, Masters of Sciences (see Association)

TITLE:

'Acidity' of aluminosilicate catalysts and methods for its determination as a means of estimating their catalytic activity

PERIODICAL:

Wiadomości chemiczne, no. 7, 1962, 449 - 464.

TEXT:

A review is presented of the chemical surface properties ('acidity') of the above catalysts, (including allied substances and mixtures of compounds of Al and Si), based on Soviet and Western works. The work was produced in view of the importance of the acidity in estimating the catalytic activity in e.g. cracking, polymerization and isomerization reactions. The acidity depends largely on composition, preparation and subsequent treatment of the catalysts. Ranges of composition are quoted and the preparation and activation procedures are discussed. Theories concerning the structure and action of the above catalyst are described; the active localities are believed to be proton or

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'Acidity' of aluminosilicate catalysts ... P/016/62/000/007/001/001
D204/D307

electron-pair acceptor centers. Examples of the dependences of activity on the acidity are given, followed by a description of methods used for determining the latter property. These include (a) measuring the acidity of aq. suspensions of the catalysts, e.g. by the measurement of CO_2 evolved on adding Na_2CO_3 or the rate of inversion of saccharose, by exchanging the cations adsorbed on the catalyst with basic ions, following this by estimation of excess alkali, by potentiometric titrations, pH measurements, gradual poisoning of the catalyst with alkali followed by extrapolation to zero activity, and (b) measuring the acidity in non-aqueous media, by titration of the suspensions in benzene with n-butylamine, by determining the adsorption of basic gases and vapors at various temperatures, and, (for aprotic acidity only) by measuring the rise in temperature of a benzene suspension of the catalyst on gradual addition of 1N solutions of Lewis acids in benzene. There are 67 references: 24 Soviet-bloc and 43 non-Soviet-bloc.

ASSOCIATION: Zakład syntezy kontaktowej instytutu chemie ogólnej w
Warszawie (Catalyst Synthesis Establishment of the
General Chemistry Institute, Warsaw)

Card 2/3

'Acidity' of aluminosilicate catalysts ...

P/016/62/000/007/001/001
D204/D307

SUBMITTED: February 2, '1962

Card 3/3

JAWORSKA, Irmina

Murder or accident? Wiadomosci lek. 7 no.2:129-130 Feb. 54.

(WOUNDS AND INJURIES,

gunshot wd., bullet trajectory in differentiation of
accid. from attempted killing)

(CRIME,

determ. of bullet trajectory in differentiation of
accid. from attempted killing)

JAWORSKA, Irena

Plea for the effective trend in preventive psychiatrics; with
special reference to open psychiatric care. Neur.& polska 5 no.4:443-453
July-Aug 55.

(PSYCHISTRY,
in Poland, prev.trend)

JAWORSKA, Irmia

Accidental hanging of a child. Arch.med.sad., Warszawa. 6:58-60
1955.

1. Z Zakladu Medycyny Sadowej A.M. w Warszawie. Kierownik: prof.
dr. W. Grzywo-Dabrowski.

(ACCIDENTS,

child, hanging in crib)

(CHILD

accid. hanging in crib)

(HANGING, in infant and child

accid. in crib.)

FALICKI, Zdzislaw; GALUSZKO, Pawel; JAWORSKA, Irena; KIELAK, Lucyna;
SULUSTROWSKI, Waldemar

Evaluation of therapeutic value of largactil according to
observations at the clinic for mental diseases of the Academy
of Medicine in Gdansk. Neur. &c. polska 6 no.3:313-320 May-June
56.

1. Z Klin. Chrob. Psychiczych A.M. v Gdansku. Kier. prof. dr.
T. Bilikiewicz.

(CHLORPROMAZINE, therapeutic use,
ment. disord., hosp. report (Pol))
(MENTAL DISORDERS, therapy,
chlorpromazine, hosp. report. (Pol))

Card 1/1

• POLAND / Analytical Chemistry. Analysis of Organic Substances.

E

Abs Jour: Ref Zhur-Khim, No 12, 1959, 42157.

Author : Hryniewiecka, J.; Jaworska, J.

Inst : Not given.

Title : The Adaptation of the C. Capitani and P. Imperiale Method for the Determination of Acetic Anhydride in the Products of the Synthesis of Acetic Acid.

Orig Pub: Chem. analit., 1958, 3, No 2, 163-167.

Abstract: A modification of the Capitani and Imperiale method (Chim. Ind., 1934, 36, 8) in the presence of vinyl acetate, ethylidene diacetate, acetaldehyde and others is described. 50 ml. of glacial acetic acid (II) are added to a sample, containing ~0.1 g. of acetic anhydride (I) and, after cooling, 5 ml.~ of 8% solution of freshly distilled dehydrated aniline

Card 1/2

E-21

Jaworska, I.

5811

546171.1:547.821.4

Lipka B., Treszczanowicz E., Jaworska I., Jurek A. The Study of the Contact Oxidation with Air in the Presence of Ammonia of a 3- and 4-Picoline Mixture.

„Badania nad kontaktowym utlenianiem mieszaniny 3- i 4-pikoliny powietrzem w obecności amoniaku”. Przemysł Chemiczny. No. 7, 1958, pp. 484-489, 8 figs., 5 tabs.

This paper deals with the preliminary examination of the process of contact oxidation of a 3- and 4-picoline mixture with air in the presence of ammonia. The reaction was carried out in gaseous phase over a contact of vanadium oxides on alumina carrier. The product obtained was a mixture of nitriles of nicotinic and isonicotinic acids. The yield of nitriles at 330-360° was about 63% of the theoretical in relation to the picolines introduced, and 90% to the picolines which entered into reaction. Only 0.0% of the picolines introduced suffered oxidation with decomposition.

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4E 3L

27/2/58

JJ

COUNTRY : POLAND
CATEGORY : Zooparasitology. Parasitic Protozoa. Flagellata G
ABS. JOUR. : RZhBiol., No. 2 1959, No. 5698
AUTHOR : Bloch, B.; Jaworska, J.
INST. : - See page 2.
TITLE : A Case of Toxoplasmosis in a 2 $\frac{1}{2}$ -Week-Old Child
ORIG. PUB. : Pediatr. polska, 1958, 33, No 1, 107-109
ABSTRACT : In a child which was born at the proper time an acute jaundice developed within two weeks after birth, and the temperature rose to 38°. Atresia of the biliary ducts and cytomegalia were diagnosed. The complement-fixation reaction to toxoplasmosis during the first blood test in the mother was weakly positive, and during a second one it was markedly positive. In the child a
CARD: 1/2

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KLINOWSKA, Wanda; BELDA-MICHALAK, Janina; JAWORSKA, Janina

2 cases of collagenosis. Pediat. pol. 37 no.7:741-746 J1 '62.

1. Z I Kliniki Pediatricznej AM we Wrocławiu Kierownik: prof. dr med.
H. Hirszfeldowa Ordynator Oddziału: dr med. W. Klinowska.
(SCLERODERMA in inf & child) (DERMATOMYOSITIS in inf & child)

JAWORSKA, K.; SOLTYSIK, S.

Cardiac reactions to sound stimuli. Acta physiol. polon. 11
no.5/6:740-741 '60.

1. Z Zakładu Neurofizjologii w Instytucie Biol.dosw. im. M.Nenckiego
w Warszawie, Kierownik: prof.dr J.Konorski. Z Pracowni Fizjologii
Układu Nerwowego w Instytucie Psychoneurologicznym w Pruszkowie.
Kierownik: dr S.Soltysik.
(HEART physiol)
(SOUNDS)

SOLTYSIK, S.; JAWORSKA, K.; KOWALSKA, M.; RADOM, S.

Cardiac responses of simple acoustic stimuli in dogs. Acta biol
exper 21:235-252 '61.

1. Laboratory of Physiology of Nervous System, Psychoneurological
Institute, Pruszkow and Department of Neurophysiology, Nencki Institute
of Experimental Biology, Warsaw.

(DOGS) (HEART)

JAWORSKA, K.; KOWALSKA, M.; SOLTYSIK, S.

Studies on the aversive classical conditioning. 1. Acquisition and differentiation of motor and cardiac conditioned classical defensive reflexes in dog. Acta biol. exp. 22 no.2:23-34 '62.

1. Laboratory of Physiology of the Nervous System, Institute of Psychoneurology, Pruszkow, Poland.

(REFLEX, CONDITIONED)

SOLTYSIK, S.; JAWORSKA, K.

Studies on the aversive classical conditioning. II. On the reinforcing role of shock in the classical leg flexion conditioning. Acta biol. exp. 22 no.3:181-191 '62.

1. Laboratory of Physiology of the Nervous System, Institute of Psychoneurology, Pruszkow, Poland.
(AVOIDANCE LEARNING)

JAWORSKA, K.; SOLTYSIK, S.

Studies on the aversive classical conditioning. III. Cardiac responses to conditioned and unconditioned defensive (aversive) stimuli. Acta biol. exp. 22 no.3:193-214 '62.

1. Laboratory of Physiology of the Nervous System, Institute of Psychoneurology, Pruszkow, Poland.
(AVOIDANCE LEARNING)

JAWORSKA, M.

Inorganic nitrogen and phosphorus compounds in the waters of small
basins in the vicinity of Mikolajki (Poland). Polskie arch hydrobiol
10:309-331 '62.

KOZAKIEWICZ, Angelina; JAWORSKA, Maria

Malignant melanoma of the eye with simultaneous sympathetic ophthalmia. Klin.oczna 29 no.4:413-416 '59.

1. Z Kliniki Chorob Oczu A. M. w Gdansk Kierownik: prof.
dr med. I. Abramowicz.

(EYE neopl)

(MELANOMA compl)

(OPHTHALMIA SYMPATHETIC compl)

JAWORSKA, Maria

Voluntary nystagmus. Klin.oczna 31 no.1:63-65 '61.

1. Z Kliniki Chorob Oczu A.M. w Gdansk Kierownik: prof. dr med.
I. Abramowicz.

(NYSTAGMUS)

PORADOWSKA, W.; JAWORSKA, M.; LODZINSKI, K.

On the etiology of myelomeningocele: Report of three cases.
Acta chir. plast. 5 no.4:285-288 '63.

1. Surgical Department of Institute of Mother and Child,
Warsaw (Poland) Director: Prof. W. Poradowska, M.D.

(MENINGOCELE) (MATERNAL-FETAL EXCHANGE)
(GENETICS, HUMAN)

PORADOWSKA, W.; JAWORSKA, M.

Etiology of bilateral cleft lip and palate. Acta chir. plast. 5
no.3:175-180 '63.

1. Surgical Department of the Institute of Mother and Child,
Warsaw (Poland) Chief: Prof. W. Poradowska, M.D. Director of
the Institute: Prof. B. Gornicki, M.D.

(CLEFT PALATE) (HARELIP)

(PREGNANCY COMPLICATIONS)

(GENETICS, HUMAN)

JAWORSKA, M.; PORADOWSKA, W.

Cleft lip and cleft palate: A summarized statistical survey.
Acta chir. plast. 5 no.3:181-186 '63.

1. Surgical Department of the Institute of Mother and Child,
Warsaw (Poland) Chief: Prof. W. Poradowska, M.D. Director of
the Institute: Prof. B. Gornicki, M.D.

(CLEFT PALATE) (HARELIP)
(PREGNANCY COMPLICATIONS)
(GENETICS, HUMAN) (STATISTICS)

JAWORSKA, Maria

Quantitative determination of the principal components of the debris dissolved in river waters by applying the conductometric method. Przegl geofiz 9 no.3/4:291-293 '64.

1. Department of Flowing Waters of the State Institute of Hydrology and Meteorology, Warsaw.

JAWORSKA, Mieczysława (Warszawa, ul. Radomska 14 m. 10.)

Effects of virus diseases in the pregnant woman on life & development of the fetus. Polski tygod. lek. 13 no.41:1597-1601 13 Oct 58.

1. (Z I Kliniki Położnictwa i Ginekologii A. M. w Warszawie; kierownik: prof. dr med. A. Czyżewicz).

(VIRUS DISEASES, in pregn.

eff. on fetus, review (Pol))

(PREGNANCY, compl.

virus dis., eff. on fetus, review (Pol))

(FETUS

eff. of maternal virus dis., review (Pol))

JAWORSKA, Mieczysława

Blood coagulation during the postoperative period in children.
Polski tygod. lek. 14 no.24:1096-1098 15 June 59.

1. (Z Kliniki Ortopedycznej Akademii Medycznej w Warszawie;
kierownik: prof. dr Adam Gruca.
(BLOOD COAGULATION) (SURGERY, OPERATIVE BLOOD)

JAWORSKA, Mieczysława

A case of unusually severe sequelae of Heine-Medin disease.
Pediat.polska 35 no.3:322-324 Mr '60.

1. Z Kliniki Ortopedycznej A.M. w Warszawie, Kierownik: prof.
dr med. A. Grucza.

(POLIOMYELITIS compl.)

JAWORSKA, Mieczyslaw; BARTOSIEWICZ, Wacław

Excretion of creatine and creatinine in certain diseases of the muscles in children and adolescents. Polski tygod.lek. 16 no.5: 161-165 30 Ja '61.

1. Z Kliniki Ortopedycznej A.M. w Warszawie: kierownik: prof. dr Adam Gruca.

(CREATINE AND CREATININE metab)

(POLIOMYELITIS metab)

(MUSCLES dis)

BULSKI, Tadeusz; JAWORSKA, Mieczyslaw

Proven causes of human abnormalities. Polski tygod. lek. 16 no.35:
1365-1367 28 Ag '61.

(ABNORMALITIES etiol)

JAWORSKA, Mieczysława

Down's disease (mongolism); physical and mental development, re-
education. Polski tygod. lek. 16 no.39:1504-1506 25 S '61.

(MONGOLISM)

BIEZANSKI, Wieslaw; JAWORSKA, Mieczyslawa

Diagnostic and therapeutic problems in progressive muscular dystrophy.
Chir. narz.ruchu ortop. polska 26 no.3:243-252 '61.

1. Z Kliniki Ortopedycznej AM w Warszawie Kierownik: prof. dr.
A. Gruca.

(MUSCULAR DYSTROPHY)

JAWORSKA, Mieczysława

Analysis of congenital defects in the perinatal stage according to data of the 1st Obstetric and Gynecological Clinic of the Academy of Medicine in Warsaw in 1947-1958. Rozpr. wyd. nauk med. 7 no.1:121-156 '62.

1. Starszy asystent AM w Warszawie.
(ABNORMALITIES)

JAWORSKA, Mieczyslaw

Statistical analysis of congenital abnormalities during the neonatal period according to data of the 1st Obstetrical and Gynecological Clinic of the Academy of Medicine in Warsaw. Pol. tyg. lek. 17 no.6: 209-212 5 F '62.

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(ABNORMALITIES statist)

JAWORSKA, Mieczyslaw

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386-388 12 Mr '62.

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JAWORSKA, Mieczyslaw; BARTOSIEWICZ, Wacław

Evaluation of creatine and creatinine excretion in scoliosis. Chir.
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A. Gruca.

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(CENTRAL NERVOUS SYSTEM abnorm)

JAWORSKA, Mieczysława; ORLOWSKA, Krystyna

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A. Gruca i z III Kliniki Chorob Wewnętrznych AM w Warszawie. Kierownik:
prof. dr med. E. Kodejszko.
(SPIROMETRY) (SCOLIOSIS) (THORACIC DISEASES)

PORADOWSKA, Wanda; JAWORSKA, Mieczyslaw

Classification of congenital fissures of the palate. Polski
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dr B. Gornicki z Oddziału Chirurgicznego Kierownik: prof.
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(CLEFT PALATE) (CLASSIFICATION)

JAWORSKA, Mieczysława; RESZKE, Stefania

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pol. 38 no.9:819-825 S '63.

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(CLEFT PALATE) (GENETICS, HUMAN)

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Some ergospirometric indices in adolescents with scoliosis.
Pediat. Pol. 39 no.4:421-423 Ap '64.

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Cerebral tissue reaction to burn trauma in children. Acta chir. plast. (Praha) 7 no.1:52-57 '65

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JAWORSKA, M.

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JAWORSKA, R.; SALWA, H.

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on the subject: "Technological progress in the paint and
lacquer industry." Polimery tworzyw 7 no.5:186-187
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1. Instytut Farb i Lakierow, Gliwice.

SZYMANSKI, J.; JAWORSKA-BYLICA, B.

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Immunological reaction to trachoma, K. Jaworska-Kozakowa
(Ann. Univ. M. Curie-Skłodowska 1949, 4, (D), 633-645).
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Conservative treatment of corneal ulceration. (Clinical results). Klin. oczna 35 no.1:7-12 '65.

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(Kierownik: prof. dr. med. T. Krwawicz).

JAWORSKA-KROLIKOWSKA

M.

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3055

547.580.2/4 : 547.483.2 : 547.493.2 : 547.03

Jerzmanowska Z., Jaworska-Królikowska M. Studies on α , β -Unsaturated Carboxylic Acids. Some Reactions of Triethyl- β -Phenylethylene- α , β -Tricarboxylate.

CH

„Studia nad kwasami α , β -nienasyconymi. Niektóre reakcje β -fenyloetyleno- α , β -trójkarboksylanu stylowego”. Roczniki Chemii (PAN). No. 3, 1954, pp. 417-422.

The condensation was investigated of triethyl phenylethylene- and -phenylethane tricarboxylate with urea in heated sodium ethylate solution. In both cases, there was formation of the same compound (in far better yield in the case of the saturated ester) to which was attributed the formation of 5(α -carbamidobenzyl)-barbituric acid.

M.
M.T.
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JAWORSKA-KROLIKOWSKA, MARIA

α,β-Unsaturated acids. V. The synthesis of *β*-phenyl-*α,β*-tricarboxylic acid and its derivatives. *Zeszyt*

chem. i technol. Pol. (1951). *Rocznik Chem.* 25, 307-110 (1951) (English summary); cf. *C.A.* 38, 33357. -- *EtCOEt* (4.5 g.), 4 g. $\text{CH}_2(\text{CO}_2\text{Et})_2$ and 13.5 ml. of a catalyst (7.5 g. anhyd. ZnCl_2 and 15 g. Ac_2O) heated on a steam bath, extd. with 50 ml. Et_2O , washed with water, dried over Na_2SO_4 , yields 6.5-7.5 g. $\text{Ph}(\text{EtO}_2\text{C})\text{C}(\text{CO}_2\text{Et})_2$ (I), bp. 268-9°, d_4^{20} 1.171-2°, n_D^{20} 1.5115, d_4^{15} 1.1373. Shaking 5 g. I, 15 g. Ba-

$(\text{OH})_2 \cdot 8\text{H}_2\text{O}$ in 150 ml. H_2O for 7 hrs. yields 6.5 g. Ba-salt, which after treating with excess 10% HCl , evap. *in vacuo*, extg. with Et_2O and crystg. from 10% HCl yields 1.2 g. $\text{Ph}(\text{HO}_2\text{C})\text{C}(\text{CO}_2\text{H})_2$ (II), m. 105-7°. Boiling 5.0 g. I with 10% alc. KOH , treating with HCl , extg. with Et_2O and distg. yields 2.5 g. $\text{PhC}(\text{CO}_2\text{Et})\text{CO}_2\text{CO}$ (III), m.

64-5°. Heating I for 7 hrs. with KOH yields mono K-salt of II which on treatment with HCl gas in C_2H_5 and crystn. from C_2H_5 yields free acid (IV) of III, m. 131-2°. IV with PCl_5 yields a mixt. of acid chloride (V) of IV and $\text{PhC}(\text{C}-$

$(\text{Cl})\text{CO}_2\text{CO}$ (VI). Treatment of this mixt. with PhNH_2

in the cold yields $\text{Ph}(\text{OC})\text{C}(\text{Cl})\text{CONHPh}$ (VIIa) ($\text{R} = \text{PhNHCO}$, $\text{R}' = \text{Ph}$, VII) m. 276-3° and VIIb ($\text{R} = \text{PhNH}$, $\text{R}' = \text{Ph}$) (VIII), m. 307-8°. Treatment of IV with SOCl_2 gives V, which yields VII with PhNH_2 . I and EtOH yields III. IV (0.22 g.) and 0.335 g. PhNH_2 in 2 ml. Et_2O in the cold yield 0.4 g. $\text{Ph}(\text{HO}_2\text{C})\text{C}(\text{Cl})\text{CONHPh}$ (IX), m. 190-2° (decolor.). Heating IV (6.4 g.) and 0.33 g. PhNH_2 for 2 hrs. gives the satd. analog of VIII (m. 210-12°) is obtained. Treatment of V with NH_3 gives VIIa ($\text{R} = \text{H}_2\text{NCO}$, $\text{R}' = \text{H}$) (IX) from which $\text{Ph}(\text{HO}_2\text{C})\text{C}(\text{CONH}_2)(\text{CO}_2\text{H})$ (X), m. 107-10°, is obtained by treating IX with concd. HCl . On drying *in vacuo* at 80° or by melting it, X gives the anhydride of IV, m. 157-8°. VI. Some reactions of triethyl *β*-phenylethylene-*α,β*-tricarboxylate. *Ibid.* 417-21 (English summary). -- Condensation of 10 g. I with 7.6 g. H_2NCONH_2 in 60 ml. EtOH with 2.00 g. Na yields 0.33 g. $\text{Ph}(\text{H}_2\text{NCO})\text{CHCH}(\text{CO}_2\text{NH}_2)\text{CO}_2\text{NH}_2$ (XI). A similar treatment

10 g. $\text{Ph}(\text{EtO}_2\text{C})\text{CHCH}(\text{CO}_2\text{Et})_2$ gives 3 g. XI.

R. Dowbenko

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(Dyrektor): Dr Med Z Pieniezny

Source:

Krakow, Przegląd Lekarski, Vol XVII, Ser II, No 9, 1961,
pp 338-340

Data:

"A Case of Neuroallergic Reaction with Inflammation of the
Optic Nerves as a Complication after Poliomyelitis Vaccination."

Authors:

JAWORSKA-ROMER, Anna
KIEKIELA, Marian

GPO 981643

JAWORSKI, Aleksander

Fossibilities of extending the cycle between repairs of locomotive boilers. Przegl kolej mechan 11 [i.e. 16] no.1;26-28 Ja '64.

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213/122

624.073.1

Arch. Budowy Maszyn

Stability of the Simply Supported

2(4), 359-371

Oblique Plate under Shear

1955

A. Jaworski

Poland

The solution of the problem has been obtained by using the energy method. The oblique coordinate-system has been introduced, in which the terms of the potential energy of the plate have been obtained, namely the components of the energy stored by bending and by the action of external forces. (Bibl. 7)

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29276

P/032/60/007/002/001/003
D259/D304

AUTHOR: Jaworski, Andrzej (Warsaw)

TITLE: Stress analysis of thin-walled structures with flexible ring stiffeners, subjected to concentrated loads

PERIODICAL: Archiwum budowy maszyn, v.7, no.2, 1960, 151-197

TEXT: This paper provides the stress analysis for axially symmetric double curvature, ellipsoidal and paraboloidal shells reinforced by flexible ring stiffeners constituting monocoque structures such as used for aircraft fuselages or pressure vessels where the interaction between the ring stiffeners and the shell is taken into account. The analysis assumes the external forces applied to the rings to act in the planes of the rings which are of small curvature. The sheet covering is considered as a shell in the membrane state of stress. The

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D259/D304

Stress analysis of thin-walled ...

interaction between the shell and the ring is represented by the Fourier series for the shear flow Eq.(5)

$$s_x = \frac{1}{2} s_{x,0} + \sum_{m=1}^{\infty} s_{x,m}^s \sin m\beta + s_{x,m}^c \cos m\beta.$$

for which the amplitudes of the zero and first harmonics are found from equilibrium equations. Harmonics of higher order, constituting the statically indeterminate reactions are found by Maxwell-Mohr equations, for which a simplification is provided by using the method of group unknowns. The practical application of the stress analysis described in this paper is shown by solving a numerical example for an aluminium free ring-shell structure consisting of 4 paraboloid type bays and 4 elliptical type ones stiffened by 9 evenly spaced rings of constant section. The structure is subjected to the action of 4 external forces applied in the planes of the rings. Using

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Stress analysis of thin-walled ... P/032/60/007/002/001/003
D 259/D304

the method of calculation described in this paper, the values for the resultant stresses are found for each section of the structure and the results are plotted against the experimental data obtained from strain-gauge measurements. In a series of graphs sufficiently close accuracy of the computation method with the actual stresses is shown. The advantage of this method lies in the convergency of results enabling sufficiently close results to be obtained by considering a few of the first harmonics only for certain types of loading. There are 3 figures and 5 references: 4 Soviet-blcc and 1 non-Soviet-bloc. The reference to the English-language publication reads as follows: N.J. Hoff, The Analysis of Structures. N.Y. 1956, J. Wiley & Sons

SUBMITTED: December 1959

Card 3/3

JAWORSKI, Andrzej

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Kwartalnik geol 5 no.2:301-308 '61.

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JAWORSKI, Andrzej

On the weathering resistance of some slick minerals. Przegl geol
10 no. 4/5:204-207. Ap-My '62

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the city of Lodz. Przegl geol 10 no.10:544-545 0 '62.

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Aragonite in cap rock formations of the salt dome at Rogozno near Lodz. Przegl geol 10 no.11:592-595 N '62..

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Analysis of the state of plane strains and practical methods of determining the local strains on the basis of strain gauge measurements. Archiw bud maszyn 12 no.1:165-174 '65.

1. Submitted October 1964.

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Phosphorus compounds and proteins in main and secondary tumors of
Datura stramonium L. and *Escheweria gibbiflora* L.C. Acta soc
botan Pol 34 no.1:153-157 '65.

1. Department of Plant Physiology of the Lodz University.

L 18295-63

EPF(c)/EWP(q)/ENT(m)/BDS AFFTC/ASD Px-4 JD

ACCESSION NR: AP3003180

P/0053/63/000/004/0209/0216

AUTHOR: Jaworski, Czeslaw

TITLE: Determination of trace impurities in inert gases

SOURCE: Przegląd elektroniki, no. 4, 1967, 209-216

TOPIC TAGS: colorimetric oxygen determination, automatic analyzer, colorimetry, trace impurity, inert gas

ABSTRACT: Electronics requires extremely pure gases devoid of oxygen or water vapor particularly in the field of semiconductors. Successful purification -- usually by reducing the oxygen to water over a catalyst and absorbing the formed water on a drying agent -- depends on the sensitivity of the means available to determine these traces. Most reliable are automatic registering analyzers; the author describes the operation of the Magnos (Hartmann-Braun), Hersch (Engelhard) analyzers for oxygen determination, and the Taylor (Cranshaw-Davidson modif.) electrolytic hydrometer. He then describes a simple colorimetric method for the determination of traces of oxygen to be used in the absence of an analyzer or to supplement it. This method employs the known oxidation of colorless cuprous chloride to give a blue compound, where the

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ACCESSION NR: AP3003180

intensity of color is a function of the oxygen concentration. Setup to prepare the analytical reagent (30 g CuCl, 90 g NH₄Cl in 2.5 l of boiled distilled water and 375 ml of 25% NH₄OH, under nitrogen) is shown in Figure 2 of Enclosure 2, and the apparatus for passing the tested gas into this reagent and filling the colorimetric cell for determination with an FEKM photoelectrocolorimeter and red filter is shown in Figure 1 of Enclosure 1. The standard curve and chart for reading the oxygen concentration, and a formula for the alternate determination of the oxygen by titration with CuSO₄ solution are given. The method is applicable for oxygen concentrations in inert gases of 0.0003-0.01%, about 3% error for concentrations over 0.001% and up to 10% for lower concentrations.

ASSOCIATION: Zakladowe Laboratorium Fiz. Chem., Fabryki Polprzewodnikow
"Tewa," Warsaw (Factory Physical and Chemical Laboratory, "Tewa" Factory for Semiconductors)

SUBMITTED: 17Dec62

DATE ACQ: 12Jul63

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OTHER: 07

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